

ECS Configuration Change Request

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Page(s)

1. Originator Kenneth L. Cockerill	2. Log Date: 5/30/02	3. CCR #: 02-0371	4. Rev: A	5. Tel: 301-925-0463	6. Rm #: 3041	7. Dept. DEV/CO
8. CCR Title: Patch_ 6A.06_STMGT.01 Contains fixes for one Sev 2 NCR. CCR is being revised for delivery to LaRC, GSFC & NSIDC. Original CCR 02-0371 was sent to EDC DAAC.						
9. Originator Signature/Date Kenneth L. Cockerill /s/ 5/30/02			10. Class II	11. Type: CCR	12. Need Date: 30May02	
13. Office Manager Signature/Date Mark McBride /s/ 5/30/02			14. Category of Change: Initial ECS Baseline Doc.		15. Priority: (If "Emergency" fill in Block 27). Emergency	
16. Documentation/Drawings Impacted:			17. Schedule Impact:		18. Cl(s) Affected: STMGT	
19. Release Affected by this Change: 6A		20. Date due to Customer: 30May02		21. Estimated Cost: None - Under 100K		
22. Source Reference: <input checked="" type="checkbox"/> NCR (attach) <input type="checkbox"/> Action Item <input type="checkbox"/> Tech Ref. <input type="checkbox"/> GSFC <input type="checkbox"/> Other: 34084						
23. Problem: (use additional Sheets if necessary) Operations is currently only able to distribute approximately 70 Landsat-7 scenes in a 24 hour period, far below the spec of 110. This limitation has impacted the Millennium project as the distribution times have increased. The LP DAAC performance team (specifically Jim Vermeer and Tom Wood) is working this issue with support from Landover. The behaviour of the 'copy' from AMASS to local staging area points to a blocksize issue, but that is unconfirmed. There is a great difference in times when the dd command is used with and without a specific blocksize (4Meg) to copy a file from tape (not in AMASS cache) to the staging area. See page 2						
24. Proposed Solution: (use additional sheets if necessary) Deliver Patch_ 6A.06_STMGT.01 Patch must be installed on top of initial delivery of 6A.06. Tarfile was made on May 6, 2002 CCR is being revised for delivery to LaRC, GSFC & NSIDC. Original CCR 02-0371 was sent to EDC DAAC. Note for CSG: Tarfile was already sent to EDC DAAC on May 7, 2002.						
25. Alternate Solution: (use additional sheets if necessary) Delay testing; wait until next full system delivery.						
26. Consequences if Change(s) are not approved: (use additional sheets if necessary) 6A.06 will not have the STMGT functionality.						
27. Justification for Emergency (If Block 15 is "Emergency"): Delays in testing or possible delays in 6A.06 regression testing						
28. Site(s) Affected: <input type="checkbox"/> EDF <input type="checkbox"/> PVC <input type="checkbox"/> VATC <input checked="" type="checkbox"/> EDC <input checked="" type="checkbox"/> GSFC <input checked="" type="checkbox"/> LaRC <input checked="" type="checkbox"/> NSIDC <input type="checkbox"/> SMC <input type="checkbox"/> AK <input type="checkbox"/> JPL <input type="checkbox"/> EOC <input type="checkbox"/> IDG Test Cell <input type="checkbox"/> Other						
29. Board Comments:			30. Work Assigned To:		31. CCR Closed Date:	
32. EDF/SCDV CCB Chair (Sign/Date): Randall J. Miller /s/ 5/30/02			Disposition: Approved App/Com. Disapproved Withdraw Fwd/ESDIS ERB			
33. M&O CCB Chair (Sign/Date): Pamela Johnson /s/ 5/30/02			Disposition: Approved App/Com. Disapproved Withdraw Fwd/ESDIS Fwd/ECS			
34. ECS CCB Chair (Sign/Date):			Disposition: Approved App/Com. Disapproved Withdraw Fwd/ESDIS Fwd/ESDIS			

ADDITIONAL SHEET

CCR #: 02-0371 **Rev:** A **Originator:** Kenneth L. Cockerill

Telephone: 301-925-0463 **Office:** 3041

Title of Change: Patch_6A.06_STMGT.01 Contains fixes for one Sev 2 NCR. CCR is being revised for delivery to LaRC, GSFC & NSIDC. Original CCR 02-0371 was sent to EDC DAAC.

Actions

NOTE: EDC HAS ALREADY RECEIVED THIS PATCH AS PART OF THEIR 6A.06 PATHFINDER TESTING ACTIVITY.

Csg -

Please build an IRIX65 tarfile from the 6A.06 baseline that will contain the following file:

/ecs/formal/DSS/lib/irix65/libDsStArServerSh.so

Please name the tarfile Patch_6A.06_STMGT.01.

Please deliver the tarfile to LARC, GSFC and NSIDC DAACs.

DAAC Install Instructions

Please refer to the 6A.06 PSR document in appendix D, section 2.9, section E for the installation instructions for Patch_6A.06_STMGT.01.

Problem statement continued:

This problem is probably not confined to drg11 and L7 data. More likely, it is also a problem on drg12 with ASTER and MODIS data.